Foglight® Cartridge for WebSphere

APPLICATION PERFORMANCE MANAGEMENT FOR WEBSPHERE APPLICATION SERVER

- **24x7 unattended monitoring**

- **Detect above average application response time**

- **Detect above average usage of key WebSphere Application Server resources**

- **Intelligent alerting**

- **Integrates with PerformaSure™ for deeper transaction-centric diagnosis**

Maintaining a high level of availability in today's web-centric application environments is a challenge. Multi-tier applications are becoming more complex and operations group are responsible for more production systems than ever before. Foglight® helps to ensure that your applications meet service level agreements by monitoring the entire application stack — database, network, application server, Web server and middleware — alerting system managers to actual or potential application problems before end users are affected.

Application servers are a critical component of mission critical applications. The Foglight Cartridge for WebSphere monitors the administrative and managed servers to ensure that they are providing the required platform services to the application. Foglight monitors the application to ensure that the response time is within the service level agreement that you establish.

24x7 Unattended Monitoring

Foglight monitors WebSphere Application Server resource usage including thread pools, JMS, bean caches, and JDBC connections. In addition, Foglight monitors the response time of the business application, EJB and servlet usages as well as the log file to provide complete coverage of your J2EE environment.

Foglight Server

The Foglight server includes an intelligent rules engine that correlates and interprets the information retrieved by the Foglight agents, as well as a central repository for storing collected data. Foglight's centralized architecture can interpret the complex system interdependencies found in today's distributed application architectures. Foglight's sophisticated rules engine can analyze information from a single server or correlate information across several servers — proactively triggering a range of actions, such as logging information, pager or e-mail alerts, remote program execution, issuance of help desk trouble tickets, or sending information to management frameworks.

The Foglight data repository is a high-performance, low-maintenance embedded database that collects and stores application performance data for reporting. Over time, it becomes an invaluable source of historical information for planning future system capacity requirements along with point-in-time analysis. The power of the repository can also be expanded by making its information readily exported for any external use.

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IBM WebSphere Server Operating System Support:

- Windows NT, 2000
- Solaris 2.6, 2.7, 2.8
- IBM AIX 4.3, 5.1

Application Server Support:

- IMB WebSphere Application Server AE 4.0.2+

For the latest support details and requirements, visit http://www.quest.com.

Main Components

Detect Slow Response Time

Foglight monitors class and method response times, identifying when a threshold is exceeded and when the current response time is longer than the average response time.

Detect Abnormal Resource Usage

Foglight is able to determine when resource usage approaches high water marks as well as when WebSphere services are responding poorly.

Intelligent Alerts

Foglight can notify one or more administrators of performance conditions ranging from slow response times to downed servers. You configure the Foglight rules engine to notify the right person for each condition.

Problem Isolation

Once an alert is triggered, Foglight's intuitive charts and data views help to easily identify the cause of the problem. Using these charts and views, WebSphere administrators can quickly determine which part of the application is experiencing a problem and who should be contacted.

About Quest Software, Inc.

Quest Software is a leading provider of application management solutions. Quest provides customers with Application Confidence^{sm} by delivering reliable software to develop, deploy, manage and maintain enterprise applications without downtime or business interruption. Headquartered in Irvine, Calif., the company has more than 18,000 global customers. For more information, visit www.quest.com.

For more information about Foglight on WebSphere or other Quest Software products, please call 800.663.4723 or visit us at **www.quest.com**.

QUEST SOFTWARE®

8001 Irvine Center Drive
Irvine, CA 92618
www.quest.com
e-mail: info@quest.com
US and Canada 949.754.8000
Please refer to our Web site for regional and international office information.